



Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/628,932
		Filing Date	07/29/2003
		First Named Inventor	James C. Stebnicki
		Group Art Unit	
		Examiner Name	
Sheet 1	of 2	Attorney Docket Number	790063.94485

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
MB		2,929,800		Hill, Jr.	03/02/60	
		2,948,691		Windemuth, et al.	08/09/60	
		3,493,634		Kolycheck	02/03/70	
		3,620,905		Ahramjian	10/21/69	
		3,642,964		Rausch, Jr., et al.	12/03/69	
		3,649,143		Papesh, et al.	03/14/72	
		3,963,679		Ullrich, et al.	06/15/76	
		4,010,235		Yardley, et al.	03/01/77	
		4,054,403		Hornbeck, et al.	10/18/77	
		4,076,891		Yardley, et al.	02/28/78	
		4,131,604		Szycher	12/26/78	
		4,169,196		Ehrlich, et al.	09/25/79	
		4,245,081		Quiring, et al.	01/13/81	
		4,371,684		Quiring, et al.	02/01/83	
		4,379,904		Ehrlich, et al.	04/12/83	
		4,385,025		Salerno, et al.	05/24/83	
	4,405,547		Koch, et al.	09/20/83		
	4,447,590		Szycher	05/08/84		
	RE 31,671		Bonk, et al.	09/11/84		
	4,523,005		Szycher	06/11/85		

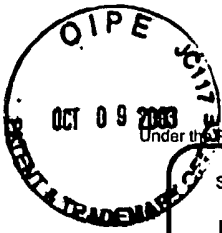
FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature	<i>M. Boykin</i>	Date Considered	7/29/04
--------------------	------------------	-----------------	---------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/628,932
		Filing Date	07/29/2003
		First Named Inventor	James C. Stebnicki
		Group Art Unit	
		Examiner Name	
		Attorney Docket Number	790063.94485
Sheet	2	of	2

U.S. PATENT DOCUMENTS						
Examiner Initials ⁷	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
TB		4,621,113		Collins	11/04/86	
		4,631,329		Gornowicz, et al	12/23/86	
		5,354,532		Nakai, et al.	10/11/94	
		5,870,799		Benda	02/16/99	
		6,071,454		Shimizu, et al.	06/06/00	
		6,136,249		Takeuchi, et al.	10/24/00	
		6,159,409		Benda	12/12/00	
TB		6,383,654 B1		Yabe, et al.	05/07/02	
		6,419,869 B1		Gotterbauer, et al.	07/06/02	

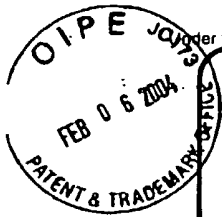
FOREIGN PATENT DOCUMENTS								
Examiner Initials ⁷	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁸
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature	<i>M. Boykin</i>	Date Considered	<i>7/29/04</i>
--------------------	------------------	-----------------	----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/628,932
		Filing Date	07/29/2003
		First Named Inventor	James C. Stebnicki
		Group Art Unit	
		Examiner Name	
Sheet 1	of 2	Attorney Docket Number	790063.94485

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
[Handwritten Initials]		4,674,622		Utsunomiya et al.	6-23-1987	
		4,772,006		Guglielmetti et al.	9-20-1988	
		5,316,132		Muraoka et al.	5-31-1994	
		5,579,944		Hafner et al.	12-3-1996	
		5,637,407		Hert et al.	6-10-1997	

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Office ³	Number ⁴	Kind Code ² (if known)				
[Handwritten Initials]		WO	97/19995	A1	Paltough Ltd.	6-5-1997		
		EP	521245	A1	Firma Ernst Siegling	1-7-1993		
		EP	656388	A1	ELF Atochem	6-7-1995		
		CA	1231666		Bridgestone	1-19-1988		

Examiner Signature	<i>P. Baykin</i>	Date Considered	7/29/04
--------------------	------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burdan Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

